

1808Y1K08P20DCT





**Part Number:** 1808Y1K08P20DCT

**Manufacturer** Knowles Syfer

**Description** CAP CER 8.2PF 1KV C0G/NP0 1808

**Data sheet:**  [MLCC Capacitor Datasheet](#)

 [MLCC Catalog](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                                                             |                                 |                                                                          |
|----------------------------------|-----------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------|
| Part Number                      | 1808Y1K08P20DCT                                                             | Manufacturer                    | <a href="#">Knowles Syfer</a>                                            |
| Description                      | CAP CER 8.2PF 1KV C0G/NP0 1808                                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                               |
| Quantity Available               | 103127 pcs                                                                  | Data sheet                      | <a href="#">MLCC Capacitor Datasheet</a><br><a href="#">MLCC Catalog</a> |
| Category                         | <a href="#">Capacitors</a>                                                  | Voltage - Rated                 | 1000V (1kV)                                                              |
| Tolerance                        | ±0.5pF                                                                      | Thickness (Max)                 | 0.079" (2.00mm)                                                          |
| Temperature Coefficient          | C0G, NP0 (1B)                                                               | Size / Dimension                | 0.177" L x 0.079" W (4.50mm x 2.00mm)                                    |
| Series                           | FlexiCap™                                                                   | Ratings                         | -                                                                        |
| Packaging                        | Tape & Reel (TR)                                                            | Package / Case                  | 1808 (4520 Metric)                                                       |
| Operating Temperature            | -55°C ~ 125°C                                                               | Mounting Type                   | Surface Mount, MLCC                                                      |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                               | Manufacturer Standard Lead Time | 8 Weeks                                                                  |
| Lead Style                       | -                                                                           | Lead Spacing                    | -                                                                        |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                  | Height - Seated (Max)           | -                                                                        |
| Features                         | Soft Termination                                                            | Failure Rate                    | -                                                                        |
| Detailed Description             | 8.2pF ±0.5pF 1000V (1kV) Ceramic Capacitor C0G, NP0 (1B) 1808 (4520 Metric) | Capacitance                     | 8.2pF                                                                    |
| Applications                     | Boardflex Sensitive                                                         |                                 |                                                                          |

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